



K502

HighSecLabs Secure 2-Port, DisplayPort KVM Switch



The **K502** is a secure 2-port, small-form-factor DisplayPort KVM switch. The **K502** allows users to share peripherals – keyboard, mouse and monitor – between two different security-level networks/computers. It provides the highest possible isolation between two connected computers.

FEATURES

- **Small Form Factor** - Occupies minimum desktop space.
- **DisplayPort Video Support** - DisplayPort 1.2 with resolutions up to 3840x2160 30bpp @60Hz, 17.28Gbps on 4-lane link; two computers connected to a single display.
- **AUX Channel Protection** - Patented AUX channel firewall technology prevents leakage, signaling attacks prevented by design, fully functional EDID.
- **Highest Security by Design** - Common Criteria EAL 4+ approved, compatible with NIAP security requirements.
- **Hardware-Based Peripheral Isolation** - No dependency on firmware or software, all firmware on ROM, no keyboard buffering or memory.
- **Unidirectional Optical Data Diodes** - Assures USB peripheral isolation, data flows from devices to host only.
- **Peripheral Security** - Full USB device filtering to assure support for keyboard and mouse only.
- **Active Anti Tampering System** - Always-on with 10 years battery, holographic tampering evident labels.

TECHNICAL SPECIFICATIONS

HOST COMPUTER INPUT PORTS:	2 DisplayPort connectors, 2 USB-B connector for keyboard and mouse, 2 3.5mm mini jack for unbalanced stereo audio.
CONSOLE PORTS:	1 DisplayPort connector, 2 USB-A connectors for keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio.
CONTROLS:	Channel select push-buttons and status LEDs.
RESOLUTIONS SUPPORTED:	All DisplayPort 1.2 resolutions up to 3840x2160 30bpp @60Hz, supports 17.28Gbps on a 4-lane link.
POWER CONSUMPTION:	12V DC, 1A max.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +60°C (-40° to 140°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
REGULATORY COMPLIANCE:	EN 55022, EN 55024, EN 61000-3-2, FCC Part 15.
SECURITY ACCREDITATIONS:	Common Criteria EAL 4+ ALC_FLR.3.
INCLUDED ACCESSORIES:	Power supply.
PRODUCT DIMENSIONS:	13.60cm x 6.15cm x 3.65cm (5.35" x 2.42" x 1.44") W, D, H
PRODUCT WEIGHT:	0.4kg (0.8lbs) approx.
SHIPPING DIMENSIONS:	23.50cm x 14.50cm x 5.50cm (9.25" x 5.71" x 2.17") W, D, H
SHIPPING WEIGHT:	0.6kg (1.3lbs) approx.